

In the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application.

1. (Currently amended) A method for synchronizing a clock of a traffic monitoring system, comprising: ~~[[øf]]~~

periodically transmitting a synchronization signal to the traffic monitoring system from a remote location, wherein said signal forms ~~[[and]]~~ an indication of the exact time, comparing the time indicated by the clock with the synchronization signal, and adjusting the time indicated by the clock if different from the synchronization signal, wherein the synchronization signal is transmitted from a satellite.

2. (Previously presented) The method of claim 1, wherein said satellite is a navigation satellite and the location of the system is also determined from the received synchronization signal.

3. (Previously presented) The method of claim 2, wherein the time derived from the received synchronization signal is adjusted to the location determined on the basis of the synchronization signal.

4. (Currently amended) The method of any one of claims ~~[[1 through 3]]~~ 1 through 3, wherein the operation of the traffic monitoring system is controlled on the basis of the time and/or location derived from the synchronization signal.

5. (Previously presented) The method of claim 4, wherein a control signal is transmitted to the traffic monitoring system along with the synchronization signal.

6. (Currently amended) A system for monitoring traffic comprising:
a traffic situation monitor, and
at least one clock connected to the traffic situation monitor and to a synchronizer,

wherein the synchronizer is adapted to receive a synchronization signal, to compare the time indicated by the clock with said synchronization signal and to adjust the time indicated by the clock if different from the synchronization signal, wherein the synchronizer is adapted to receive the synchronization signal from a satellite.

7. (Previously presented) The traffic monitoring system of claim 6, wherein said satellite is a navigation satellite, and the synchronizer is adapted to determine the location of the system from the received synchronization signal.

8. (Previously presented) The traffic monitoring system of claim 7, wherein said synchronizer is adapted to adjust the time derived from the received synchronization signal to the location of the system as determined on the basis of the synchronization signal.

9. (Currently amended) The traffic ~~[[Traffic]]~~ monitoring system according to any one of claims 6 through 8 further comprising a controller which is connected to the synchronizer and which is adapted to control the operation of the traffic monitoring system on the basis of the time and/or location derived from the synchronization signal.

10. (Currently amended) The traffic monitoring system according to any one of claims 6 through 8 wherein the synchronizer is adapted to receive and pass on to the controller a control signal transmitted together with the synchronization signal.

11. (Currently amended) The traffic monitoring system as according to any one of claims 6 through 8 wherein the monitor is adapted to record the monitored traffic situation on the basis of a recording signal which is generated by the controller on the basis of a criterion, wherein the controller is adapted to adjust the criterion to the time and/or location, optionally on the basis of the control signal transmitted together with the synchronization signal.